Linear Regression Model Explanation

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# Introduction

This document provides an explanation of the linear regression model.

## Linear Regression Model

The linear regression model is expressed by the following equation:

where:

* represents the predicted or estimated value of the dependent variable at time .
* denotes the intercept, signifying the estimated value of when all explanatory variables are zero.
* and are the coefficients representing the estimated change in for a one-unit change in and respectively.

## Conclusion

This model captures the linear relationship between the dependent variable and the explanatory variables and , with corresponding coefficients.